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Patent  
236/092

BOXED

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Michael J. Heller et al.

Serial No.: 09/128,718

Filed: August 3, 1998

For: SELF-ADDRESSABLE SELF-  
ASSEMBLING MICROELECTRONIC  
SYSTEMS AND DEVICES FOR  
MOLECULAR BIOLOGICAL ANALYSIS  
AND DIAGNOSTICS

) Group Art Unit: 1631

) Examiner: Marschel

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AMENDMENT TRANSMITTAL

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Transmitted herewith is an Amendment for the above-identified application.

Applicant(s) petitions for an extension of time under 37 CFR § 1.136 [fees: 37 CFR § 1.17(a)(1)-(5)] for the total number of months checked below:

| EXTENSION<br>(months) | <b>FEES FOR SMALL<br/>ENTITY</b>            | <b>FEES FOR OTHER THAN<br/>SMALL ENTITY</b> |
|-----------------------|---|---|
| 1 month               | <input checked="" type="checkbox"/> \$55.00 | <input type="checkbox"/> \$110.00           |
| 2 months              | <input type="checkbox"/> \$195.00           | <input type="checkbox"/> \$390.00           |
| 3 months              | <input type="checkbox"/> \$445.00           | <input type="checkbox"/> \$890.00           |
| 4 months              | <input type="checkbox"/> \$695.00           | <input type="checkbox"/> \$1,390.00         |
| 5 months              | <input type="checkbox"/> \$945.00           | <input type="checkbox"/> \$1,890.00         |

An extension for \_\_\_\_\_ months has already been secured and the fee paid therefor of \_\_\_\_\_ is deducted from the total fee due for the total months of extension now requested.

OC-65231.1

CERTIFICATE OF MAILING  
(37 C.F.R. §1.8a)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as First Class Mail in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231.

October 13, 2000  
Date of Deposit

Denise Doss

Name of Person Mailing Paper

Signature of Person Mailing Paper

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Extension fee due with this Request \$55.00.

If an additional extension of time is required, please consider this a petition therefor.

**FEES FOR CLAIMS:**

The fees for claims (37 CFR § 1.16(b)-(d)) have been calculated as shown below:

|  |       |   |                 |   |   |                          |         |        |
|--|-------|---|-----------------|---|---|--------------------------|---------|--------|
| Total Claims   | 6     | - | 20              | = | 0 | x                        | \$18.00 | \$0.00 |
| Independent Claims   | 4     | - | 4               | = | 0 | x                        | \$80.00 | \$0.00 |
| Multiple Dependent Claims  | \$270 |   | (if applicable) |   |   | <input type="checkbox"/> |         | \$0.00 |
| <b>TOTAL OF ABOVE CALCULATIONS</b>   |       |   |                 |   |   |                          |         |        |
| Reduction by ½ for Filing by Small Entity. Note 37 CFR §§ 1.9, 1.27, 1.28.   |       |   |                 |   |   |                          |         |        |
| If applicable, Verified Statement must be attached. <input type="checkbox"/> |       |   |                 |   |   |                          |         |        |
| <b>TOTAL FEES FOR CLAIMS SUBMITTED HEREWITH</b>                              |       |   |                 |   |   |                          |         |        |
| \$0.00   |       |   |                 |   |   |                          |         |        |

A check in the amount of \_\_\_\_\_ is enclosed to cover the above fee(s).

Charge Lyon & Lyon's Deposit Account No. **12-2475** in the amount of **\$55.00**.

The Commissioner is authorized to charge Lyon & Lyon's Deposit Account No. **12-2475** for any fees required under 37 CFR §§ 1.16 and 1.17 that are not covered, in whole or in part, by a check enclosed herewith and to credit any overpayments to said Deposit Account **12-2475**.

Respectfully submitted,

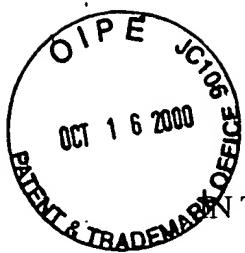
LYON & LYON LLP

By:

  
Patrick S. Eagleman, Reg. No. 44,665  
David B. Murphy, Reg. No. 31,125

Dated: October 13, 2000

DBM/dnd  
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(949) 567-2300 or (213) 489-1600



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) Group Art Unit: 1631

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Michael J. Heller et al.

) Examiner: Marschel

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Serial No.: 09/128,718

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#618

Filed: August 3, 1998

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Plunkett  
10/11/00

For: SELF-ADDRESSABLE SELF-  
ASSEMBLING MICROELECTRONIC  
SYSTEMS AND DEVICES FOR  
MOLECULAR BIOLOGICAL ANALYSIS  
AND DIAGNOSTICS

**AMENDMENT AND SUBMISSION OF SEQUENCE LISTING**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

This is in response to the Office Action dated July 31, 2000. Please amend the application as follows:

**IN THE SPECIFICATION:**

~~Page 40, line 21, after "TCU", insert --(Sequence ID No. 1)--.~~

~~Page 40, line 22, after "AAU", insert --(Sequence ID No. 2)--.~~

~~Page 40, line 23, after "CTG U", insert --(Sequence ID No. 3)--.~~

~~Page 40, line 24, after "GU", insert --(Sequence ID No. 4)--.~~

~~Page 40, line 25, after "CU", insert --(Sequence ID No. 5)--.~~

~~Page 40, line 26, after "AGU", insert --(Sequence ID No. 6)--.~~

OC-65035.1

**CERTIFICATE OF MAILING**  
(37 C.F.R. §1.8a)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as First Class Mail in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231.

October 13, 2000  
Date of Deposit

10/17/2000 MMARMOL 00000018 122475 09128718  
01 FC:215 55.00 CH

Denise Doss  
Name of Person Mailing Paper  
*Denise Doss*  
Signature of Person Mailing Paper